

What is claimed is:

1. A method of making an optical component having a molded body of a transparent moldable material comprising:

introducing a closure member into a coupling portion of a mold;

5 filling the moldable material into the mold;

introducing a carrier of an optical transducer through a mold opening;

aligning the carrier in relation to the mold utilizing at least one positioning means;

curing the moldable material; and,

removing the closure member.

10 2. The method of claim 1 wherein the coupling portion has an opening, said opening having a circumferential edge for receiving a corresponding sealing area of the closure member.

3. The method of claim 2 wherein the moldable material is a resin.

4. The method of claim 3 wherein the resin cures at approx. 160° C.

15 5. The method of claim 2 further comprising polishing the sealing area of the closure member.

6. The method of claim 5 wherein the sealing area is brought into engagement with the circumferential edge of the opening to form a window surface.

7. A mold for making an optical component having a molded body of a transparent moldable material, said mold having an opening for introducing a carrier of an optical
20 transducer, and a coupling portion for a coupling to a waveguide, the mold comprising a closure member being temporarily engageable with an opening in the coupling portion.

8. The mold of claim 5 wherein the opening has a circumferential edge on which abuts a corresponding sealing area of the closure member.

9. The mold of claim 8 wherein the closure member is of plug-like configuration and has a polished surface in the region of the opening.

10. The mold of claim 9 wherein the closure member is adapted to be releasably engaged with a latch in the coupling portion.

5 11. The mold of claim 10 wherein the closure member is provided with a releasing member for release from said latch.

12. The mold of claim 11 wherein the closure member has a centering means ensuring aligned, centered positioning of the closure member in relation to the opening.